

Multiband Inter/Intra Team Radio (MBITR) AN/PRC-148(V)(C)



Mission

Provide handheld inter- and intra-team radio voice and data communications in an upgradable, lightweight, software-based device.

Description and Specifications

The **Multiband Inter/Intra Team Radio (MBITR)** is a rugged radio weighing less than two pounds. It provides interoperability with existing legacy systems and commercial radios, while ensuring future operation with the next generation of communications equipment.

Seven programmable devices supported by flash memory are incorporated into the MBITR architecture, creating a truly software-based handheld radio. MBITR's combination of software upgradability, and 30-512 MHz AM/FM RF capability meets the following current and future communications requirements:

- 30-512 MHz contiguous coverage
- AM/FM voice/data selectable RF output power (100 mwatts to 5 watts) Type I COMSEC
- Immersible to two meters (urban version)
- Less than 29 ounces, 334 cubic inches